

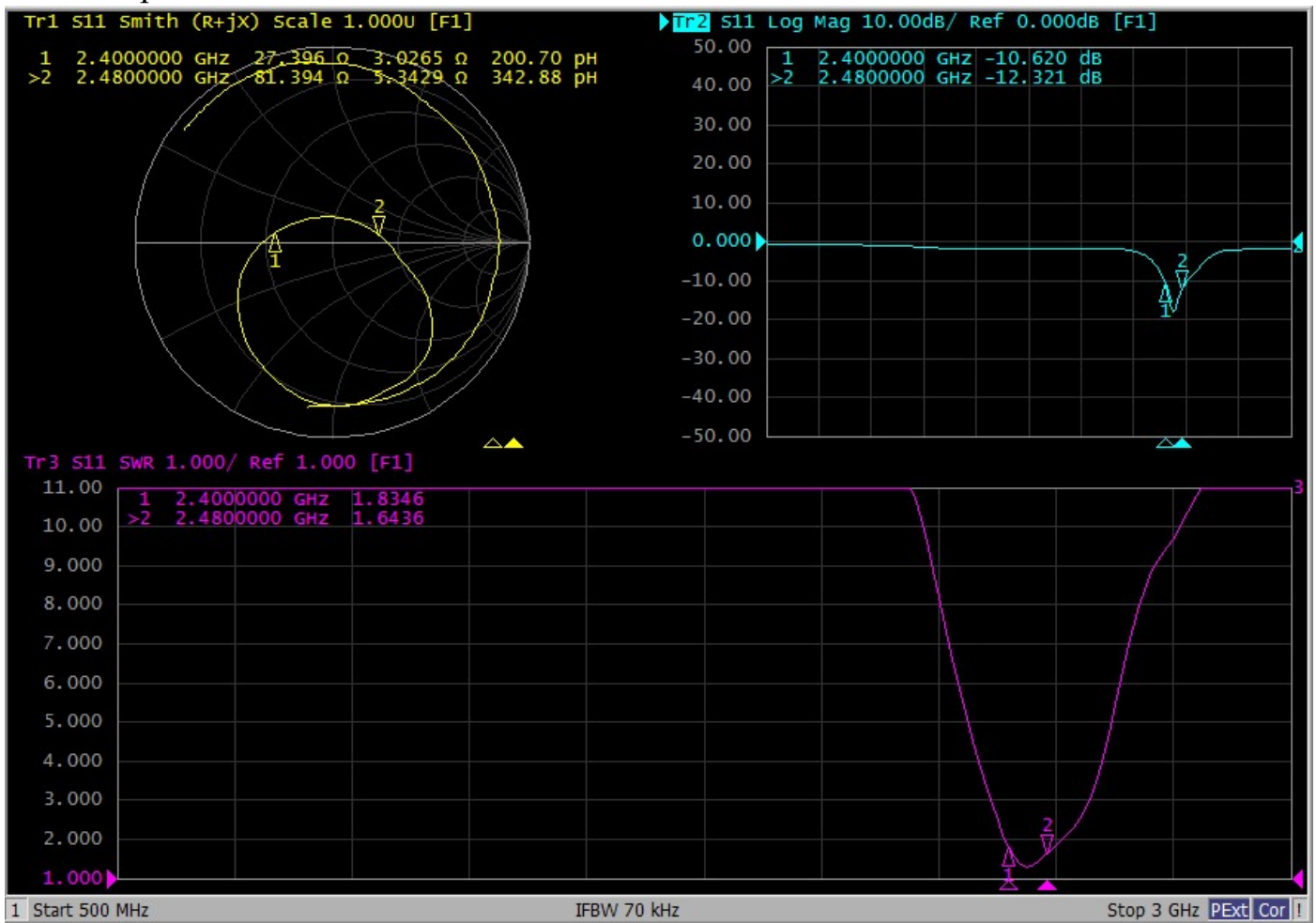


I: The report of passive data



Angilent E5071C

VSWR parameter (Left) :

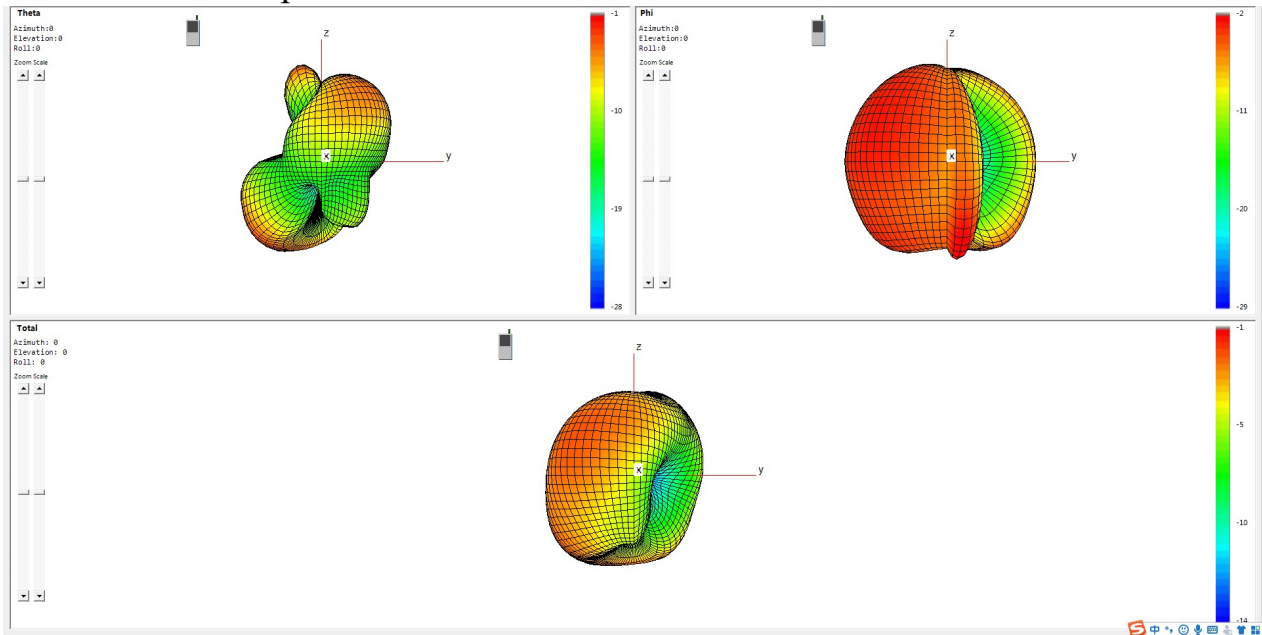




Efficiency:

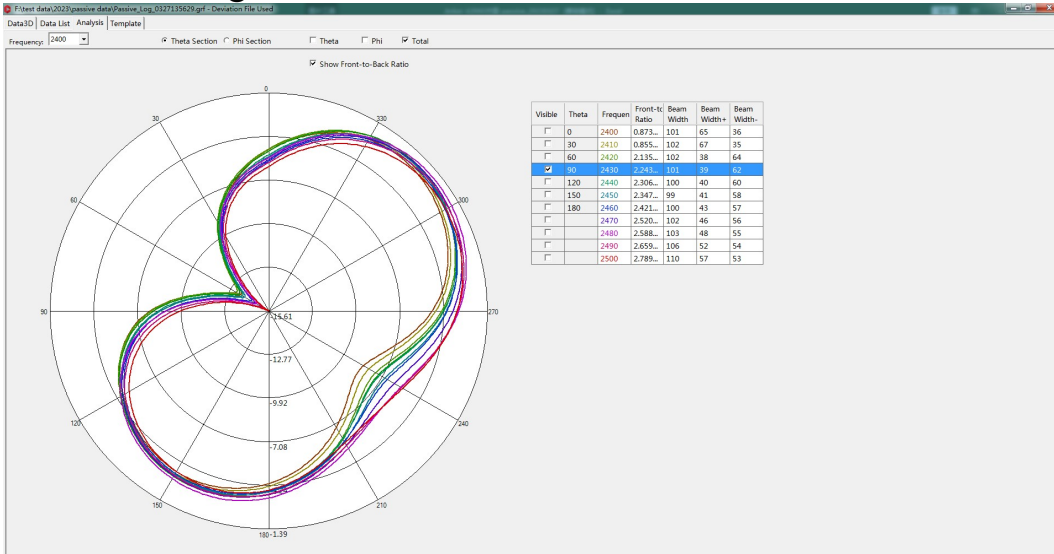
L			
Frequency (MHz)	Efficiency	Efficiency (dB)	Gain (dBi)
2400	34%	-4.73	-1.70
2410	35%	-4.58	-1.55
2420	36%	-4.43	-1.45
2430	35%	-4.50	-1.56
2440	35%	-4.62	-1.76
2450	35%	-4.57	-1.76
2460	34%	-4.74	-2.02
2470	35%	-4.58	-1.88
2480	36%	-4.45	-1.74
Average value	35%	-4.58	-1.71

Antenna radiation pattern (3D) :

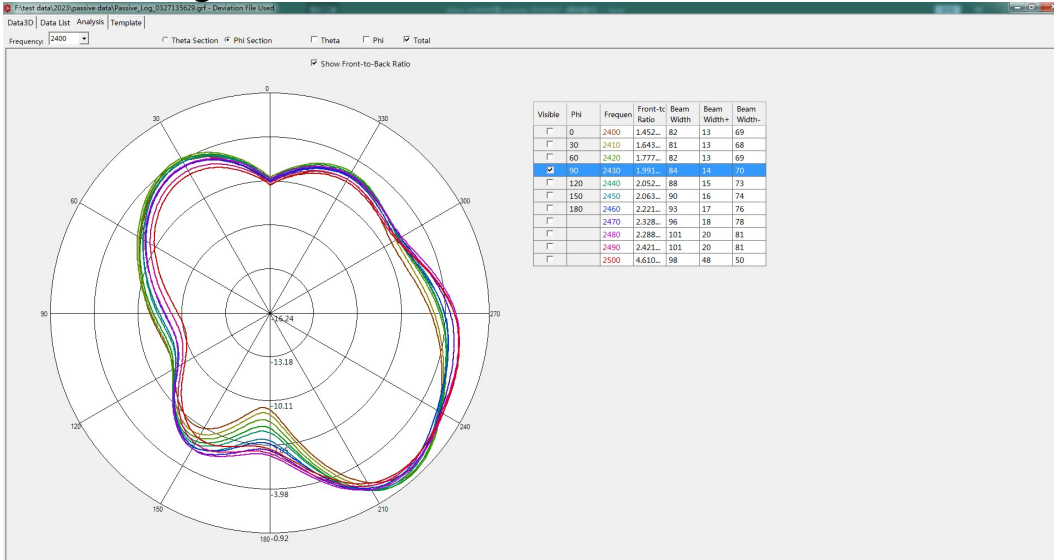




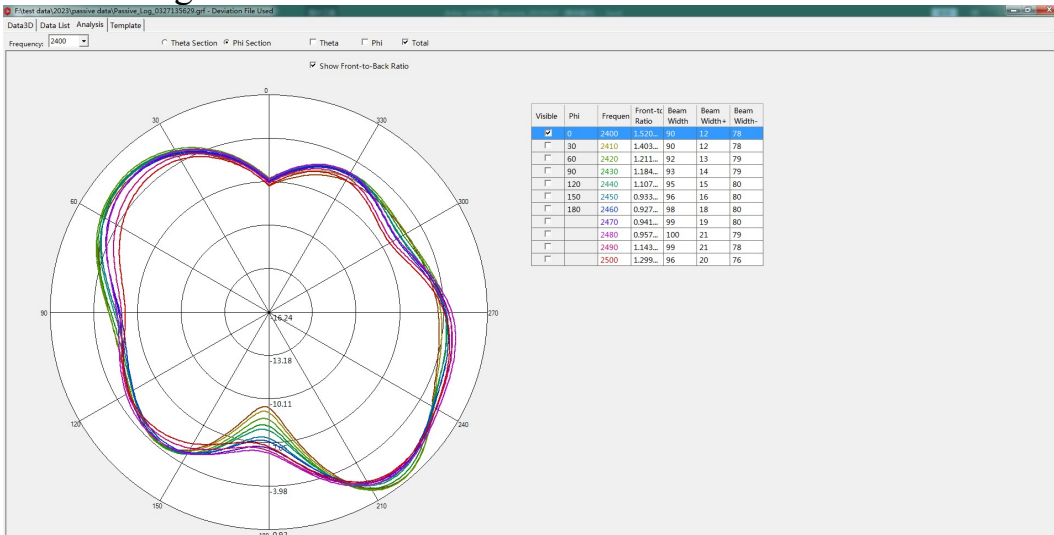
Antenna radiation pattern (2D) : Theta=90.00deg



Phi=90.00deg

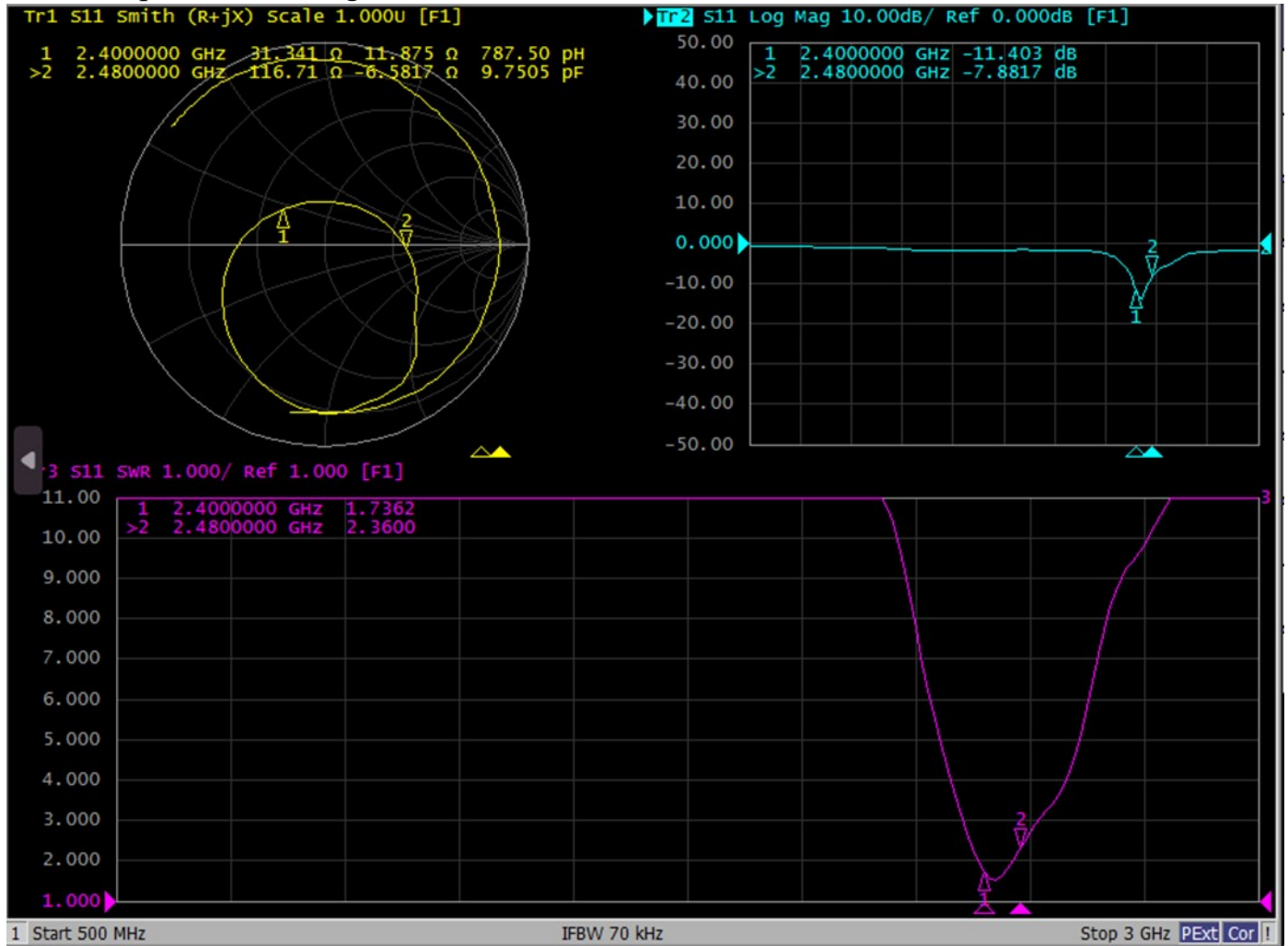


Phi=0.00deg





VSWR parameter (Right) :

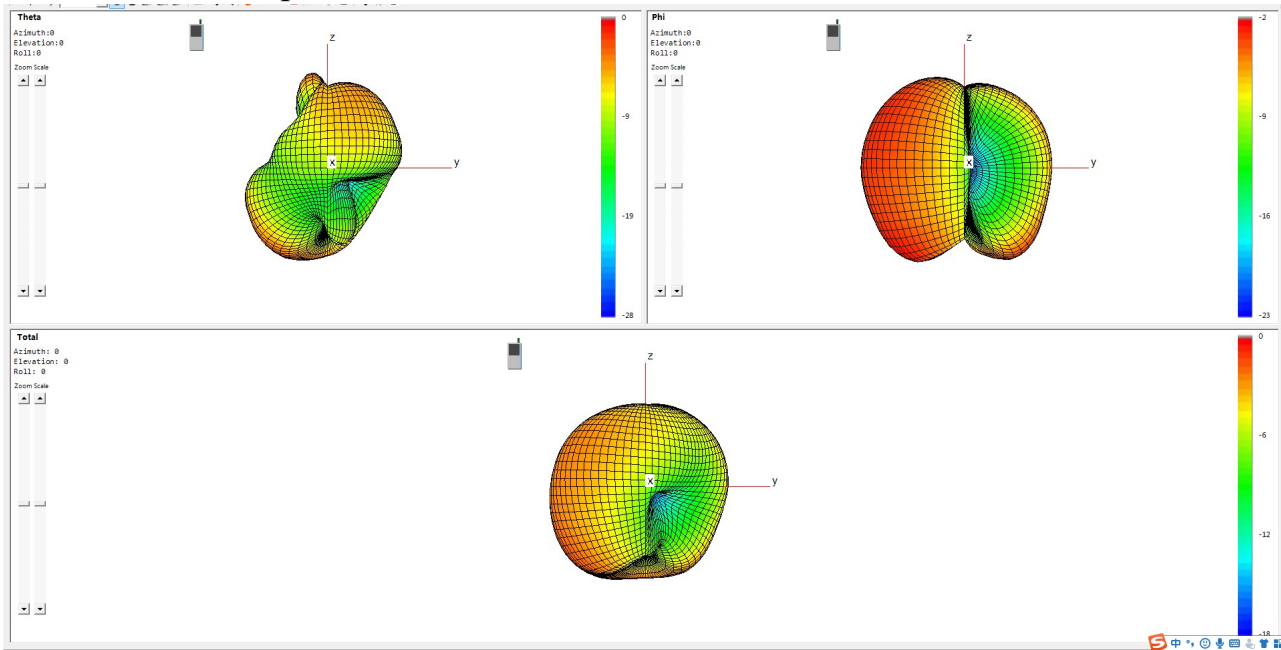


Efficiency:

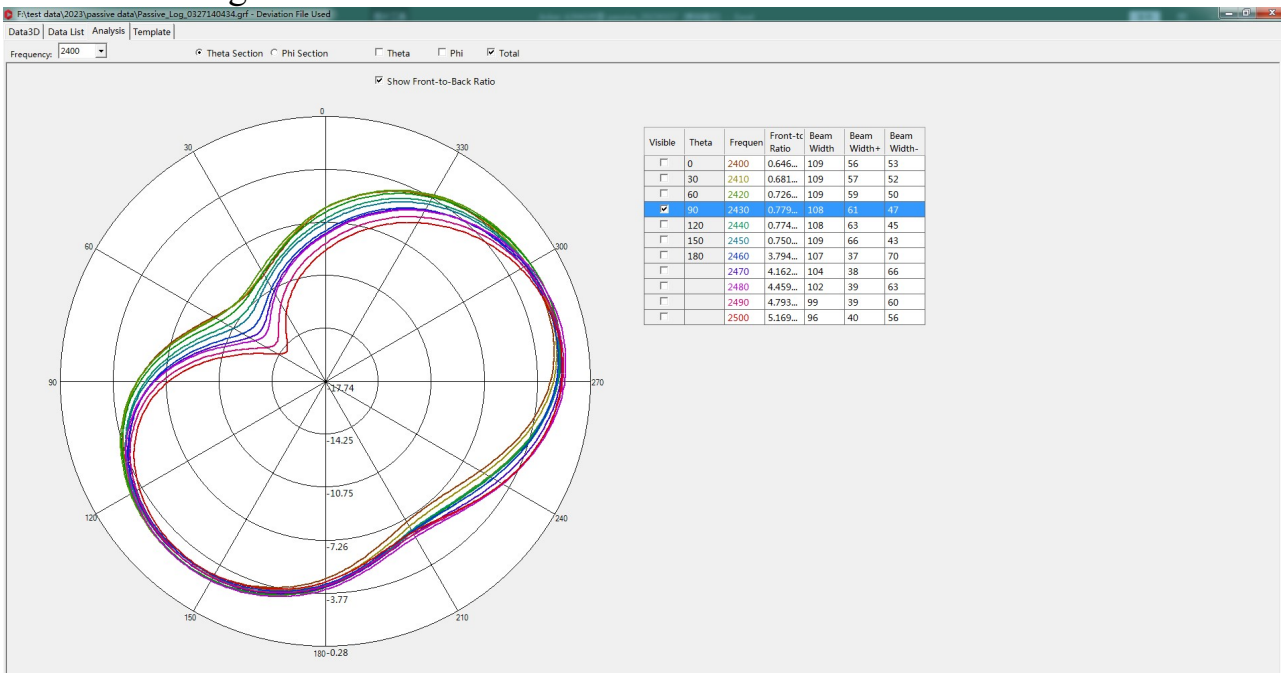
R			
Frequency (MHz)	Efficiency	Efficiency (dB)	Gain (dBi)
2400	38%	-4.25	-0.68
2410	39%	-4.10	-0.47
2420	40%	-3.99	-0.35
2430	39%	-4.11	-0.44
2440	37%	-4.29	-0.65
2450	37%	-4.32	-0.70
2460	35%	-4.56	-0.99
2470	36%	-4.48	-0.95
2480	36%	-4.40	-0.89
Average value	37%	-4.28	-0.68



Antenna radiation pattern (3D) :

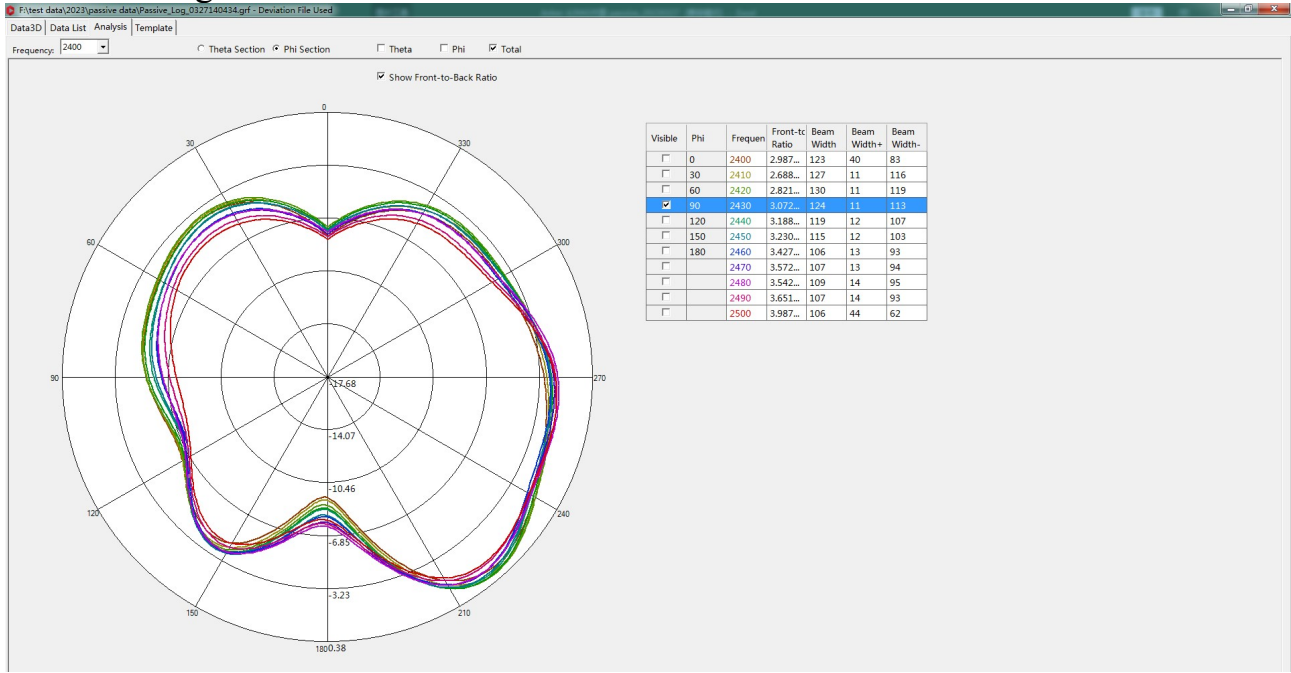


Antenna radiation pattern (2D) : Theta=90.00deg

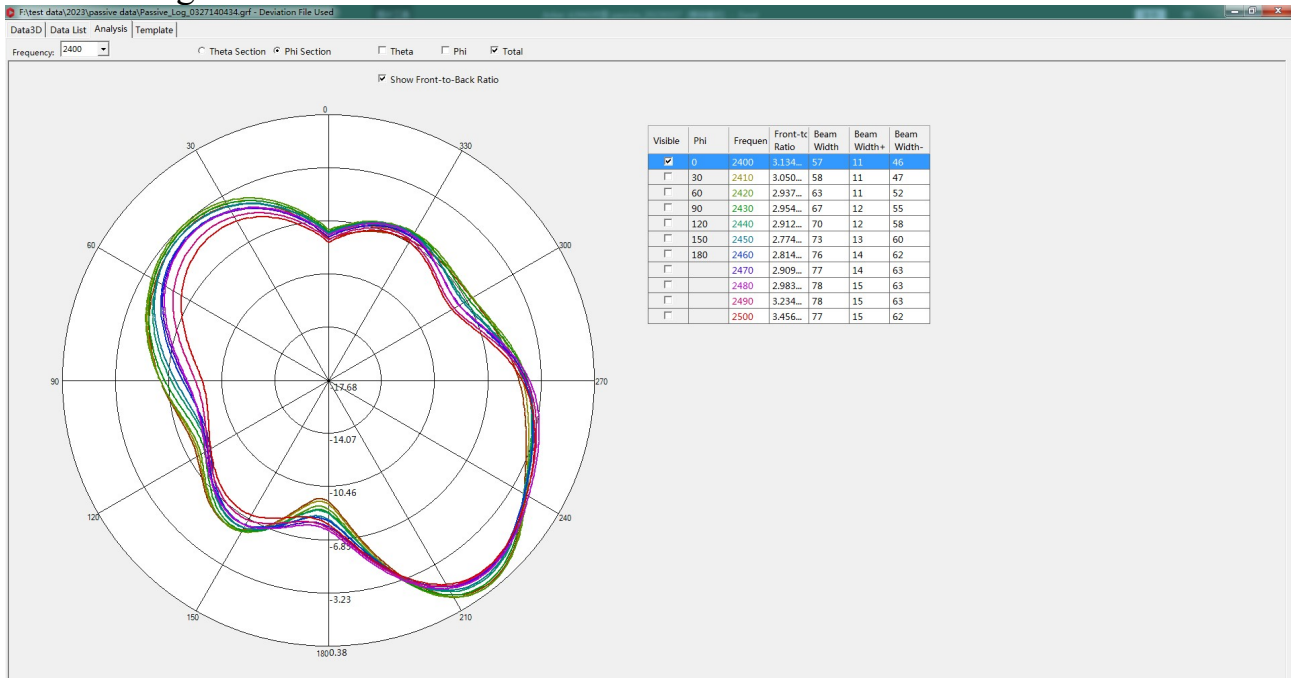




Phi=90.00deg



Phi=0.00deg





II: 3D Active test report of antenna

Freespace	Channel	TRP (dBm)	TIS (dBm)
L	CH 0	3.0	-88.5
	CH 39	3.5	-89.5
	CH 78	2.8	-89.5

Freespace	Channel	TRP (dBm)	TIS (dBm)
R	CH 0	2.1	-88.3
	CH 39	3.1	-89.1
	CH 78	3.2	-89.1

Beside head	Channel	TRP (dBm)	TIS (dBm)
L	CH 0	-1.2	-83.1
	CH 39	-0.1	-83.5
	CH 78	-2.2	-83.2

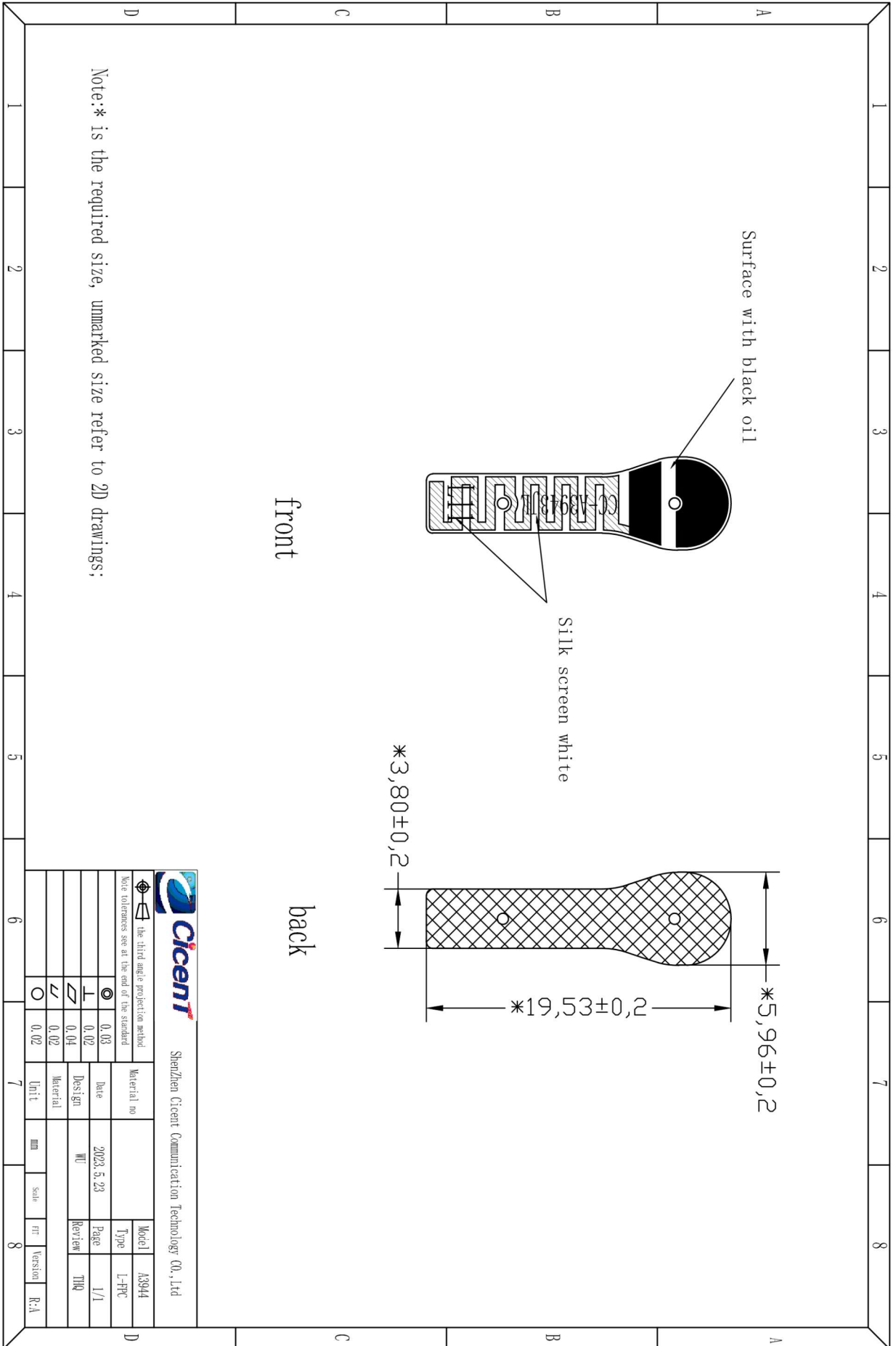
Beside head	Channel	TRP (dBm)	TIS (dBm)
R	CH 0	-2.5	-83.5
	CH 39	-1.0	-84.2
	CH 78	-1.3	-84.0



OTA Standard Chamber

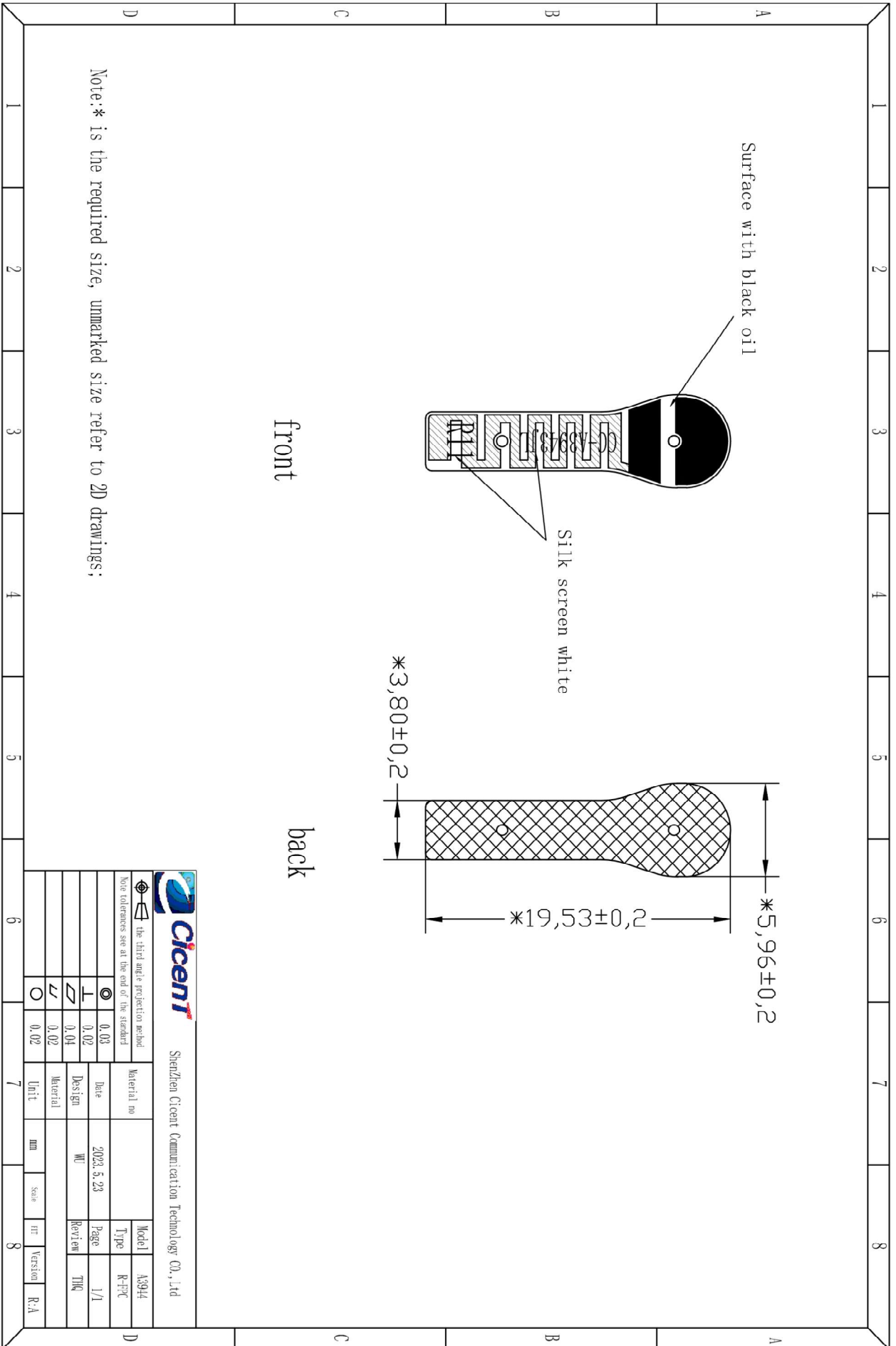


V: Structure file:



Note:* is the required size, unmarked size refer to 2D drawings;

		Shenzhen Cicent Communication Technology Co., Ltd	
	the third angle projection method	Material no	Model A3944
	Note tolerances see at the end of the standard	Date	Type 1-FPC
	0.03	2023.5.23	Page 1/1
	0.02	Design	Review
	0.04	Material	THQ
	0.02	Unit	
		mm	mm
		scale	rr
			Version
			R.A



Note: * is the required size, unmarked size refer to 2D drawings;

		ShenZhen Cicent Communication Technology CO., Ltd	
	the third angle projection method	Material no	Model A3944
	Note: tolerances see at the end of the standard	Date	2023.5.23
	0.03	Design	Page 1/1
	0.02	Material	Review T10
	0.04	Unit	mm
	0.02	Scale	1:1
	0.02	Version	R.A